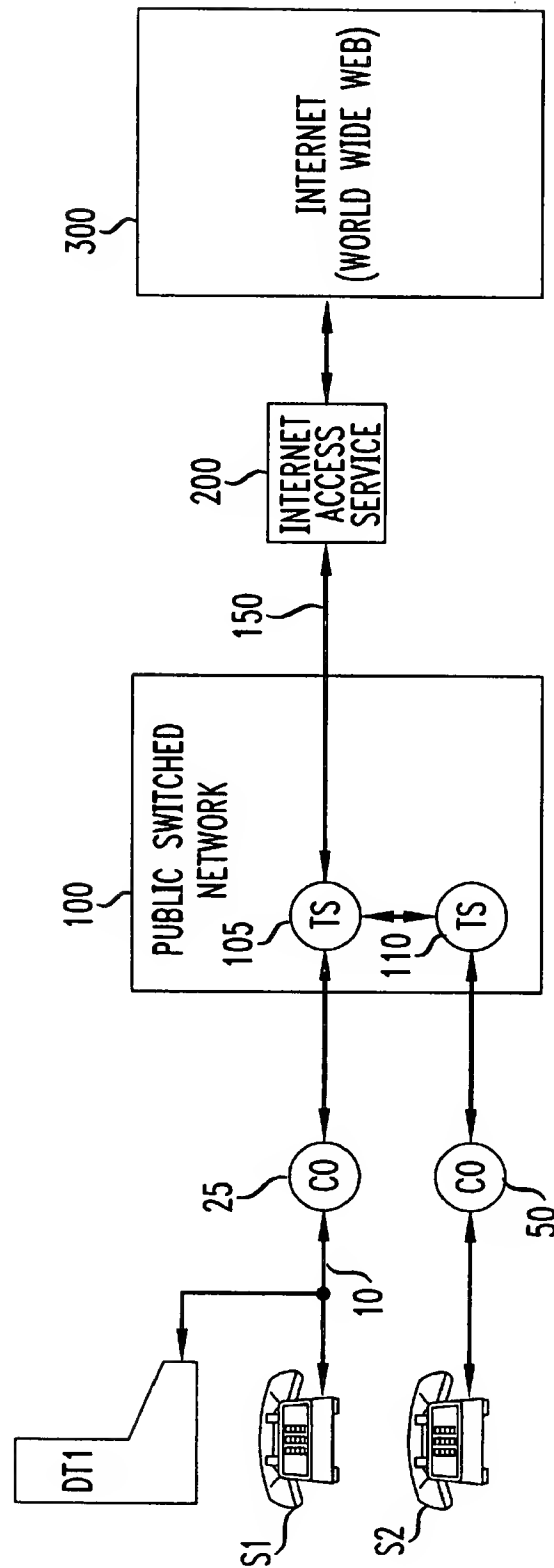


FIG. 1



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FIG. 2

| | | | | | | |
|--------|-------------------------|---------------|----------------------------|-------------------|--------------------|--|
| 250 | 250-1 | | 250-2 | | 250-3 | |
| | SUBSCRIBER IDENTITY | | ADDRESS | | TELEPHONE NUMBER | |
| 250-4 | PASSWORD | | | | P.C. CONFIGURATION | |
| 250-6 | SOFTWARE CONFIGURATION | | PACKET VOICE CONFIGURATION | | | |
| 250-8 | CALL FORWARDING OPTIONS | | TELEPHONE OFFICE NUMBER | | 250-9 | |
| 250-10 | RACF NUMBER | RACF PASSWORD | IP ADDRESS | TELEPHONE CHANNEL | | |
| 250-14 | ACTIVE TERMINAL | 250-11 | 250-12 | | 250-13 | |
| | PROCESS | | | | | |

The diagram illustrates the architecture of an Internet Access Server (205). At the top, the server contains a CPU (250) with associated Memory (255) and a LAN Interface (240). The LAN Interface (240) is connected to a central LAN (245). The LAN (245) connects to an Internet Interface Unit (215), which in turn connects to the Internet (300). The LAN (245) also connects to an Internet Access Unit (255) and a Voice Signal Processor (245-j). The Voice Signal Processor (245-j) is connected to a PBX (235), which handles Voice Calls (150-10). The PBX (235) is connected to a Voice Response Unit (260) and a Voice Mail Server (280). The Voice Response Unit (260) is connected to the Internet Access Unit (255) via a LAN Interface (246). The Voice Mail Server (280) is connected to the PBX (235) via a bidirectional connection (265).

TO
INTERNET
300

FIG. 4

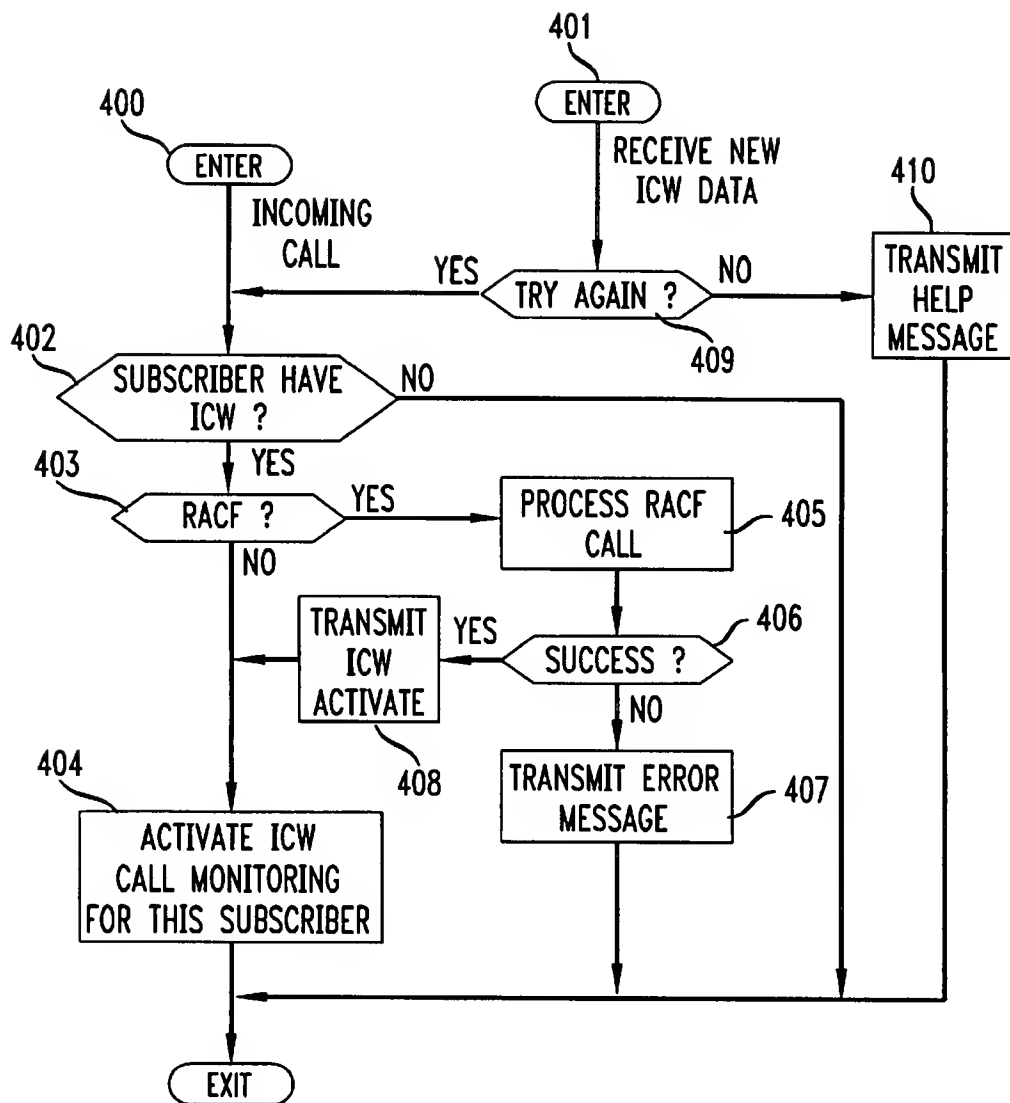


FIG. 5

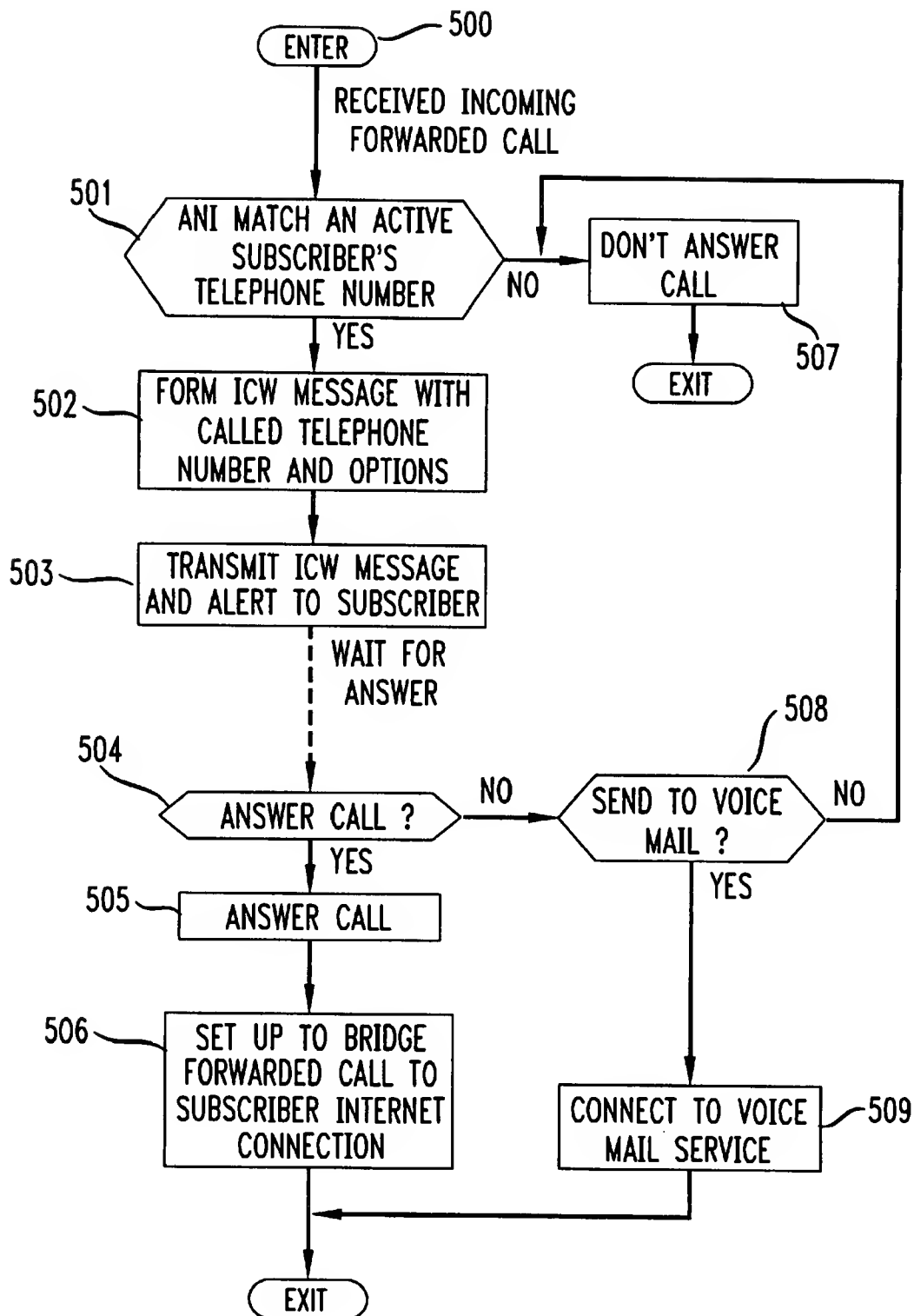


FIG. 6

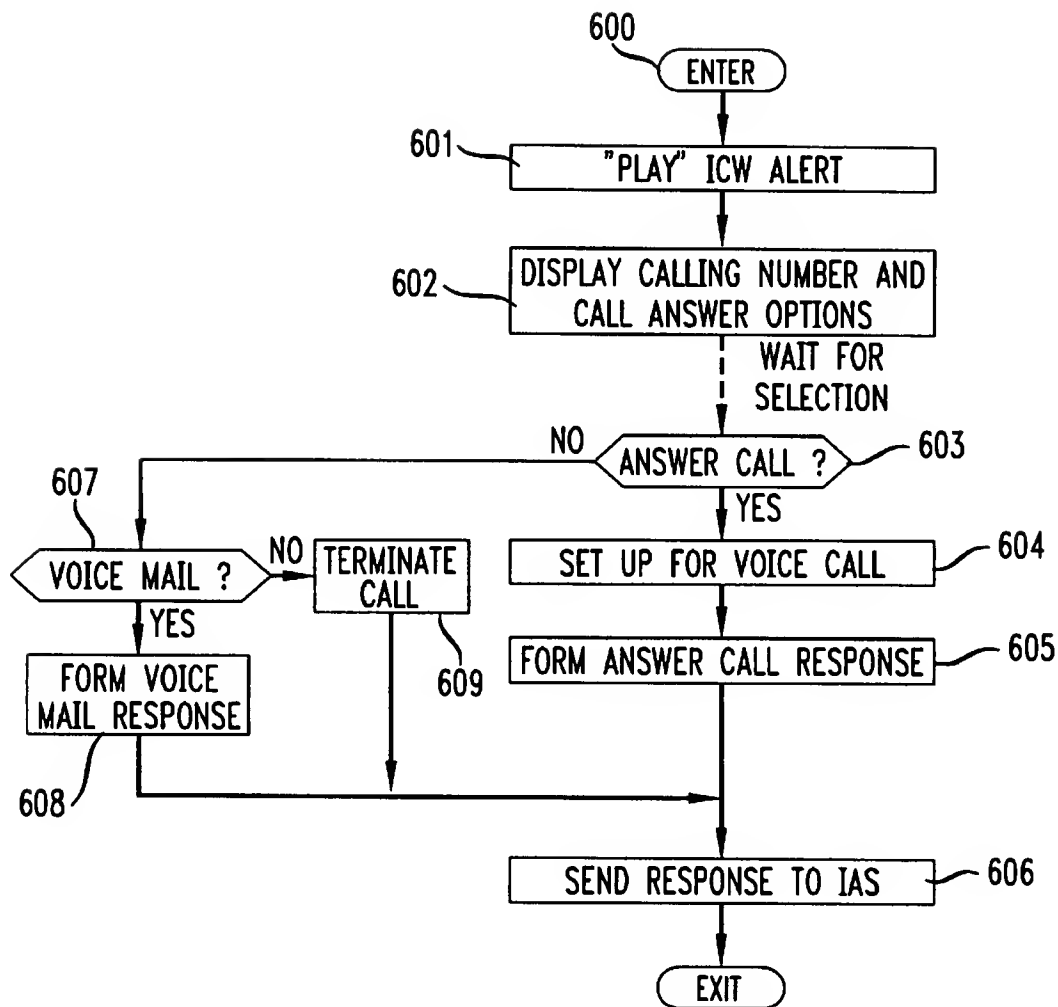


FIG. 7

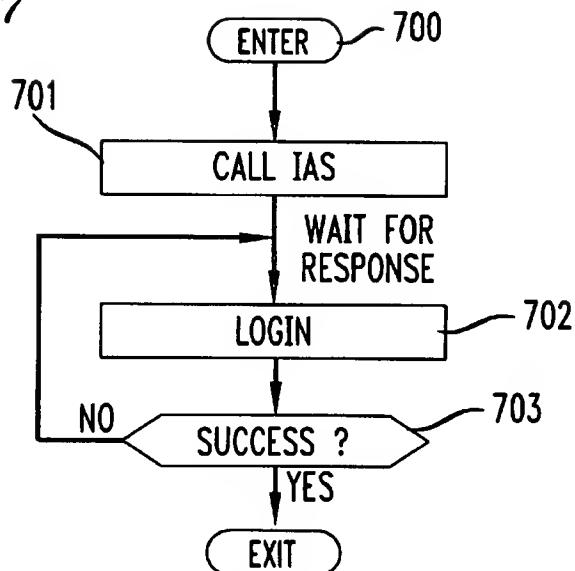
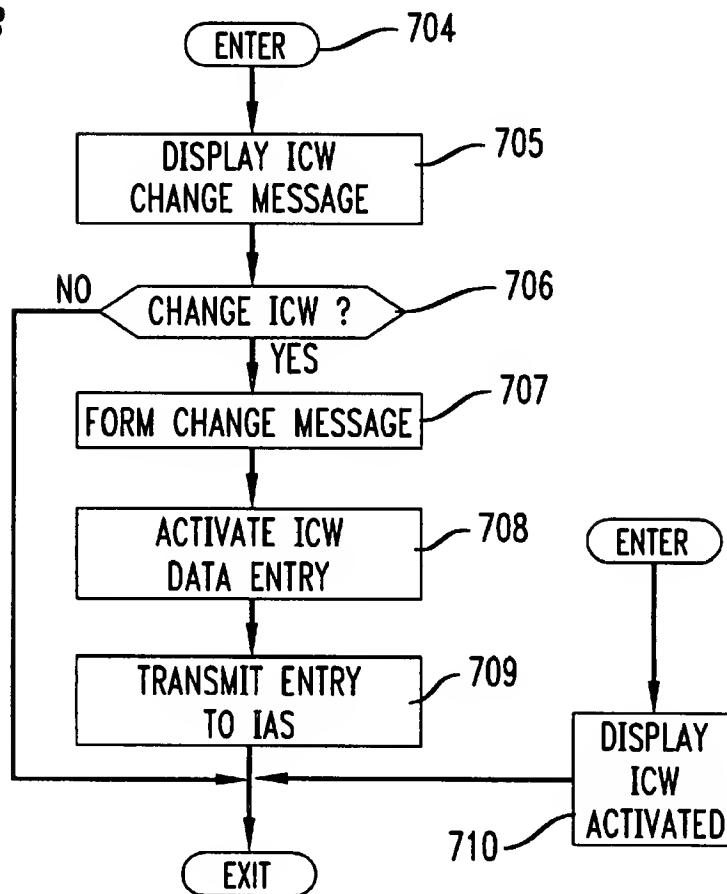
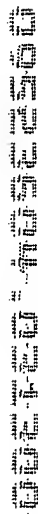


FIG. 8



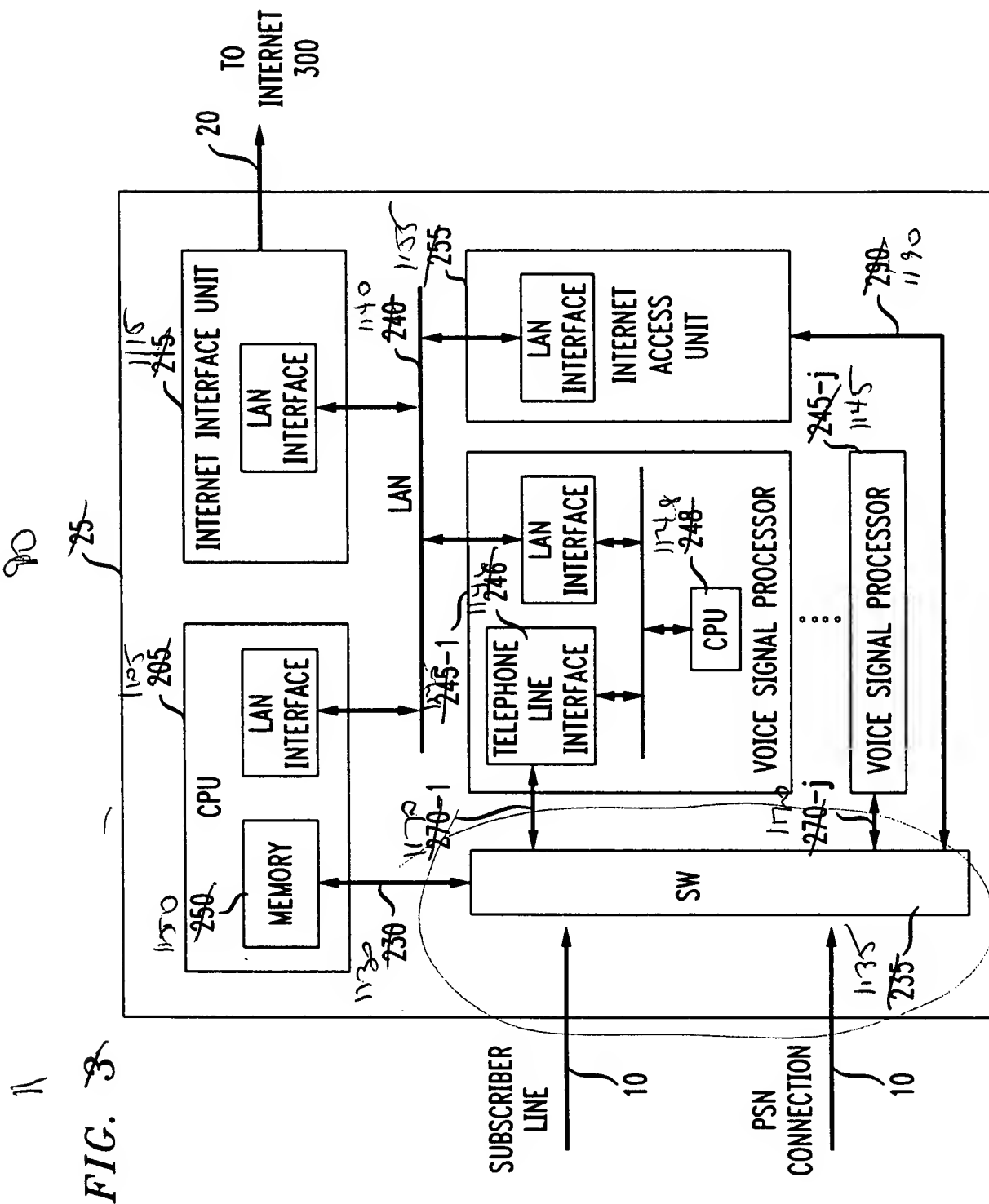
9



10

11

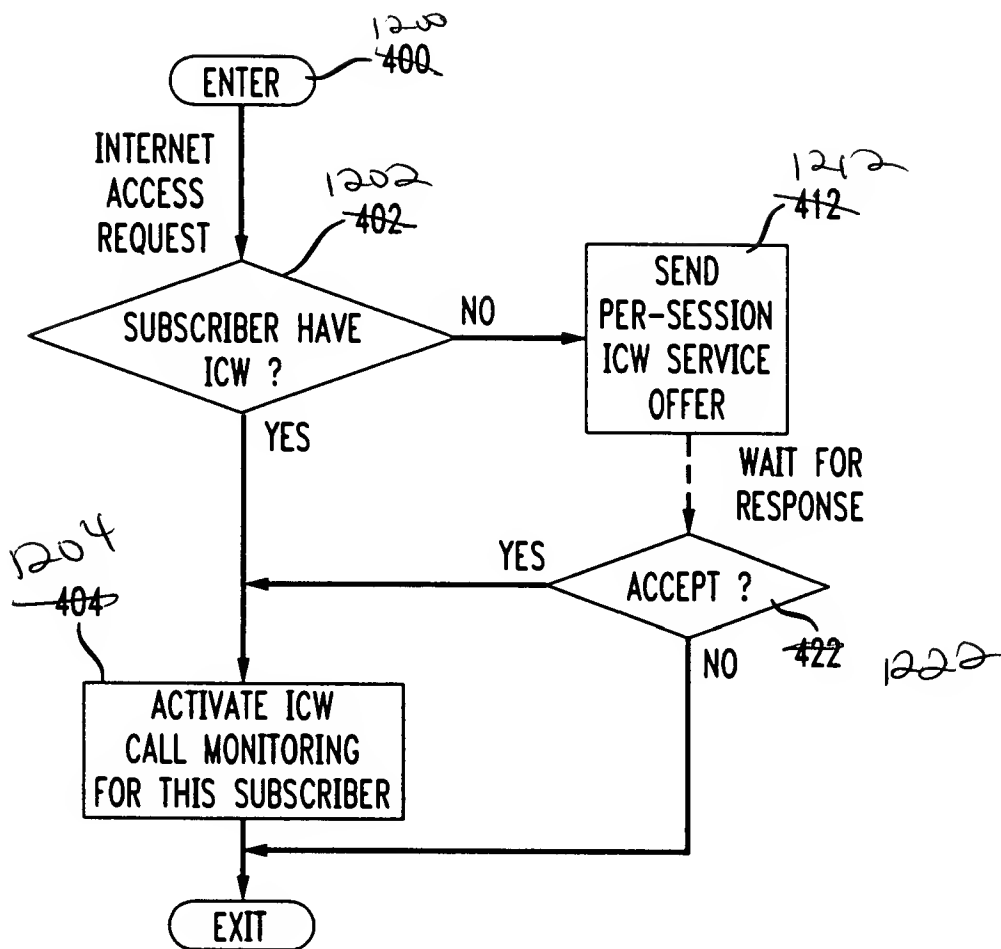
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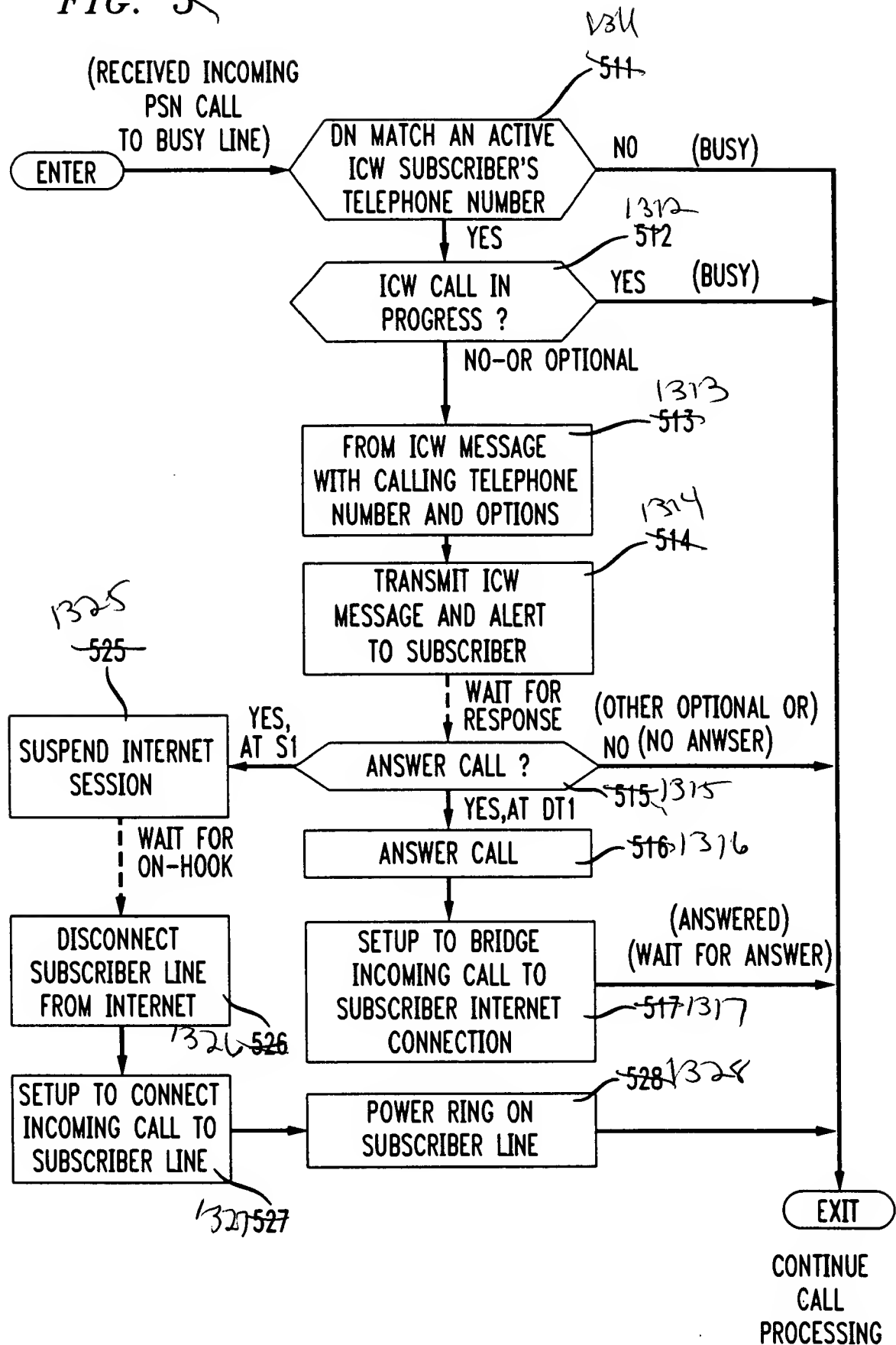


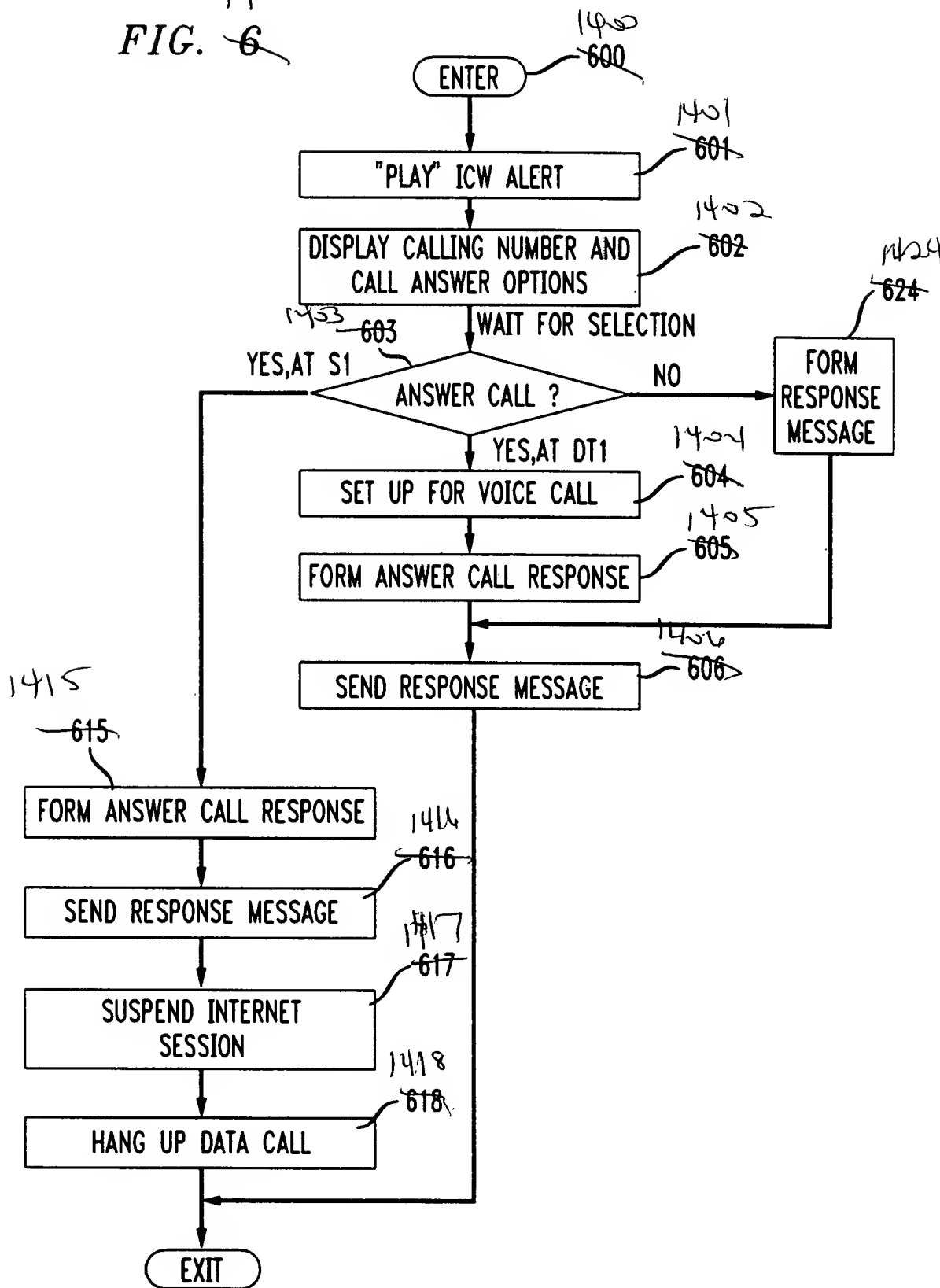
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FIG. 4



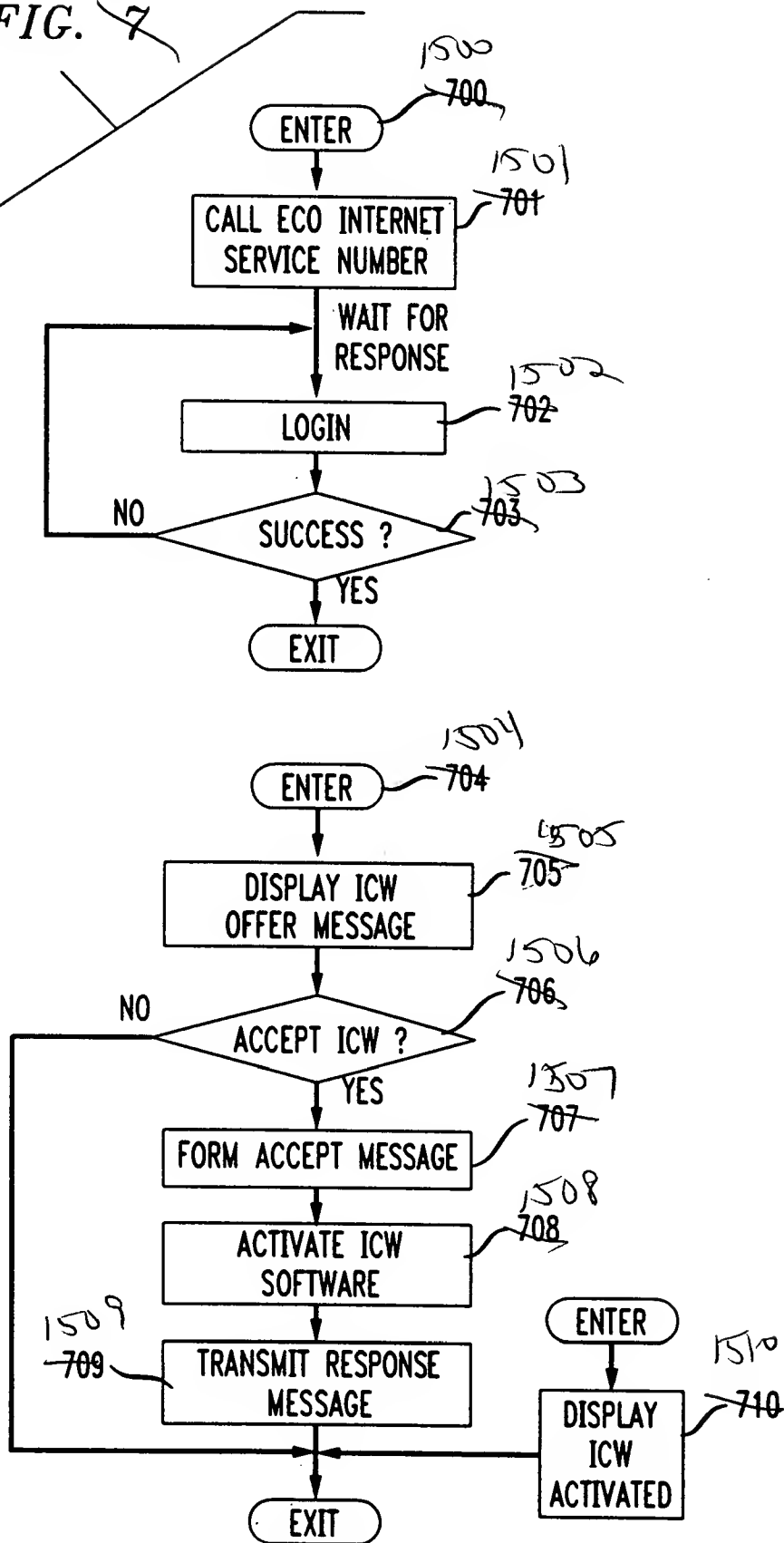
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FIG. 5

14
FIG. 6

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~~6/7~~

FIG. 7



170. 8

1405

205

1115

215

20

1135

235

10

SUBSCRIBER LINE

SW

240

1175

270

VSP

1148

248

1190

290

JAU

255

1155

295

1195

30-1

30-2

PSN CONNECTIONS